Early Human Development, 19 (1989) 303—305
Elsevier Scientific Publishers Ireland Ltd.

Contents

Obituary 1

S. Ottaviano, V. Guidetti, F. Allemand, B. Spinetoli and S. Seri (Rome, Italy)
Laterality of arm movement in full-term newborn (EHD00933) 3

B.R.H. Van den Bergh, E.J.H. Mulder, G.H.A. Visser, G. Poelmann-Weesjes, D.J. Bekedam and H.F.R. Prechtl (Groningen, The Netherlands)
The effect of (induced) maternal emotions on fetal behaviour: a controlled study (EHD00937) 9

C. Nakano, S. Takashima and K. Takeshita (Yonago, Japan)
Carnitine concentration during the development of human tissues (EHD00938) 21

A.L. Olson and C.J. Rebouche (Iowa City, IA)
Renal conservation of carnitine by infants and adults: no evidence of developmental regulation (EHD00939) 29

D.R. Woodward, B. Rees and J.A. Boon (Hobart, Tasmania, Australia)
Human milk fat content: within-feed variation (EHD00940) 39

G.M. Gennser and M.K.S. Hathorn (Malmo, Sweden and London, UK)
Analysis of components of fetal breathing cycles (EHD00943) 47

J.W. Wladimirofff and K. Cheung (Rotterdam, The Netherlands)
Vibratory acoustic stimulation and the flow velocity waveform in the fetal internal carotid artery (EHD00946) 61

Abstracts of the Neonatal Society Meeting 67

Future Meetings 75

M. Ounsted, V.A. Moar and A. Scott (Oxford, UK)
Small-for-dates babies, gestational age, and developmental ability at 7 years (EHD00941) 77

O.H. Stanley, P.J. Flemming and M.H. Morgan (Bristol, UK)
Abnormal development of visual function following intrauterine growth retardation (EHD00942) 87

A.M.C. Watkins, C.R. West and R.W.I. Cooke (Liverpool, UK)
Blood pressure and cerebral haemorrhage and ischaemia in very low birth-weight infants (EHD00944) 103

E. Simonazzi, J.W. Wladimiroff and J. van Eyck (Perrugia, Italy and Rotterdam, The Netherlands)
Flow velocity waveforms in the fetal internal carotid artery relative to fetal blood gas and acid-base measurements in normal pregnancy (EHD00947) 111

O. Pryds, W. Trojaborg, J. Carlsen and J. Jensen (Copenhagen, Denmark)
Determinants of visual evoked potentials in preterm infants 117

J.R. Britton and O. Koldovský (Tucson, AZ)
Gastric luminal digestion of lactoferrin and transferrin by preterm infants (EHD00959) 127

E.E. van Woerden, H.P. van Geijn, F.J.M. Caron, J.M. Swartjes, R. Mantel and N.F.Th. Arts (Amsterdam, The Netherlands)
Automated assignment of behavioural states in the human near term fetus (EHD00960) 137

P.W. Thomas, M.N. Haslum, I. MacGillivray and M.J. Golding (Bristol, UK)
Does fetal heart rate predict subsequent heart rate in childhood? (EHD00978) 147

Future Meetings 153

D. Arduini, G. Rizzo, L. Caforio, M.R. Boccolini, C. Romanini and S. Mancuso (Rome, Italy)
Behavioural state transitions in healthy and growth retarded fetuses (EHD 00948) 155

V.L. Schechtman, R.M. Harper, K.A. Kluge, A.J. Wilson, H.J.Hoffman and D.P. Southall (Los Angeles, CA, Sheffield and London, U.K., Bethesda, MD)
Heart rate variation in normal infants and victims of the sudden infant death syndrome (EHD 00962) 167

K. Yokochi, Y. Shiroiwa, K. Inukai, H. Kito and J. Ogawa (Hamamatsu and Nagoya, Japan)
Behavioral state distribution throughout 24-h video recordings in preterm infants at term with good prognosis (EHD 00964) 183

D.B. Cheek, O.M. Petrucco, A.Gillespie, R.C. Green, D. Ness and M. Dalton (Adelaide, Australia)
Muscle cell potassium, RNA and hydration in pregnancy and pre-eclampsia (EHD 00963 191

J.E. Bell, A. Sandison, J. Boddy, A.J. Franks, G. Batcup, R. Calvert and A. Gordon (Edinburgh, Leeds and London, U.K.)
Development of the cerebellum with particular reference to cellular differentiation in the external granular layer (EHD 00966) 199

Abstracts of the Neonatal Society Meeting 213

Future Meetings 221

S.E. Nelson, R.R. Rogers, E.E. Ziegler and S.J. Fomon (Iowa City, IA)
Gain in weight and length during early infancy (EHD 00961) 223

A.M. Oudesluys-Murphy, W. Hop and C. de Groot (Rotterdam, The Netherlands)
Umbilical cord separation in twins (EHD 00971) 241

C.Y. Yeung, C.S. Leung and F.T. Lee (Hong Kong)
Alleviation of cigarette-induced intra-uterine growth retardation by a Chinese herbal medicine (EHD 00972) 247

H.P. Oosterbaan and D.F. Swaab ('s Hertogenbosch and Amsterdam, The Netherlands)
Amniotic oxytocin and vasopressin in relation to human fetal development and labour (EHD 00967) 253

H. Palti and E. Rothschild (Hadassah, Jerusalem)
Blood pressure and growth at 6 years of age among offsprings of mothers with hypertension of pregnancy (EHD 00973) 263

A.T. Berg (New York, NY)
Indices of fetal growth-retardation, perinatal hypoxia related factors and childhood neurological morbidity (EHD 00975) 271

G.H.A. Visser, H.H. Mulder, H.P. Wit, E.J.H. Mulder and H.F.R. Prechtl (Groningen, The Netherlands)
Vibro-acoustic stimulation of the human fetus: effect on behavioural state organization (EHD 00988) 285

Subject Index of Volume 19 297
Author Index of Volume 19 301
Contents of Volume 19 303